



TECHNICAL BULLETIN

TERRY LABORATORIES, LLC
 7005 TECHNOLOGY DRIVE • MELBOURNE, FLORIDA 32904 • USA
 PHONE: (321) 259-1630 • FAX: (321) 242-0625 • TOLL FREE (800) 367-2563

ALOE VERA LEAF GEL

INCI Name: Aloe Barbadensis Leaf

CAS RN: 8001-97-6

EINECS N: None

PRODUCT CODE:

5X
WLG005

20X
WLG020

SPECIFICATIONS

APPEARANCE:

Clear to Slightly Hazy
 Light Amber Liquid

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 Amber Liquid
 (Possible Precipitate)

ODOR:

Moderate Vegetable

Strong Vegetable

GARDNER COLOR:

9 Maximum

13 Maximum

pH:

3.5-4.5

3.5-4.5

SPECIFIC GRAVITY:

1.022-1.032

1.100-1.120

TOTAL ALOE SOLIDS:

4.75% Minimum

19.0% Minimum

MICROBIAL ASSAY

TOTAL PLATE COUNT:

<10 cfu/g

<10 cfu/g

YEAST AND MOLD:

<10 cfu/g

<10 cfu/g

No Pathogens Present

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All testing is performed at 25° C unless otherwise noted.

PACKAGING:

5-Gallon (43 lbs) Min
 55 Gallon (470 lbs)

5-Gallon (45 lbs) Min
 55 Gallon (495 lbs)

PRESERVATIVES:

POTASSIUM SORBATE:

0.20%

0.20%

SODIUM BENZOATE:

0.10%

0.10%

CERTIFICATIONS:

- International Aloe Science Council (IASC) (WLG005 only)
- Generally Recognized as Safe (GRAS) Self-Affirmed
- KA Kosher
- Halal (WLG005 only)
- FairTSA Product Certified

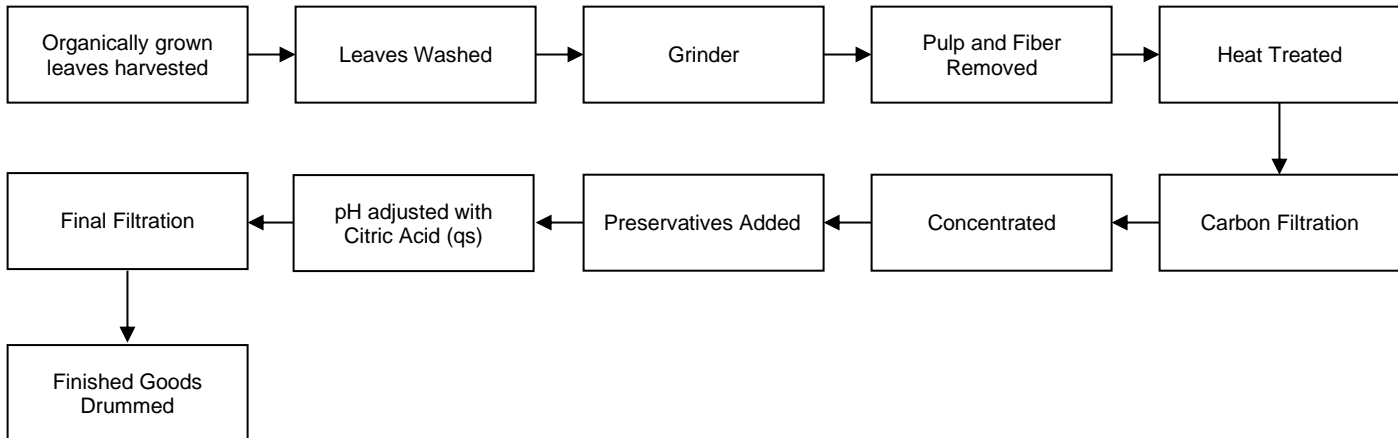


CAUTIONS:

This is a natural product which will darken with age. Slight fallout may occur over time. Protect from oxidation. Store at room temperature. Shelf life: 2 years from date of manufacture (unopened container).

ALOE VERA LEAF GEL

PROCESS FLOW CHART:



TYPICAL APPLICATIONS:

SKIN AND HAIR CARE

- Sun Care and After Sun Products
- Hand and Body Lotions/Gels
- Skin Cleansers/Moisturizers
- Shampoos and Conditioners
- Styling/ Sculpting Gels
- Shaving/Depilatory Preparations

PET CARE PRODUCTS

- Shampoos
- Cleansers

FOOD AND BEVERAGE

- Health Drinks
- Juice Blends
- Health Foods
- Sports Drinks

O.T.C. PHARMACEUTICALS

- Topical Analgesics/Anesthetics
- Hydrocortisone Creams
- First Aid Sprays/Creams/Gels
- Anti-Acne Preparations
- Toothpastes/Oral Rinses

WHAT PERCENTAGE TO USE?

- 15% Single Strength Equivalent (SSE) minimum for product effectiveness
- Recommend the use of 15-100% for cosmetic and beverage applications
- Two to four ounces (SSE) twice daily is the recommended beverage dose. May be added to fruit or vegetable juices to enhance flavor

GUARANTEES

- BSE/TSE-free
- GMO-free
- Pesticide-free
- No animal testing